

ABSTRACT AMENDMENTS

Replace the Abstract with:

ABSTRACT OF THE DISCLOSURE

~~There is provided an~~An electric motor controller for a steering device that can ~~give~~
~~apply~~ an appropriate steering force to a steering wheel according to running conditions.
An electric power steering controller of the present invention ~~is provided with~~ includes a
steering shaft reaction force torque sensor for detecting a reaction force torque of a
steering system, a superimposed reaction force torque calculating unit for multiplying a
steering angle detected by the steering angle sensor by a gain to calculate a superimposed
reaction force torque in the return direction of ~~a~~ the steering wheel, and a control unit for
controlling the ~~gain~~ such so that the superimposed reaction force torque is reduced when a
reaction force torque of the steering system is ~~large~~ increased and the superimposed
reaction force torque is increased when a reaction force torque of the steering system is
~~small~~ decreased.